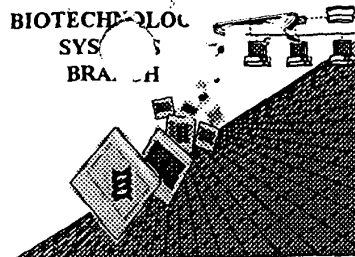# RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *09/647,377*

Source: *PCT 09*

Date Processed by STIC: *4-4-01*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

<u>Checker Version 3.0 can be down loaded from the USPTO website at the following address:</u>
http://www.uspto.gov/web/offices/pac/checker

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/647,377

DATE: 04/04/2001
TIME: 11:37:32

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Output Set: N:\CRF3\04042001\I647377.raw

Delete accent mark. Causing processing error.

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  7 <130> FILE REFERENCE: 0147-0211P
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C--> 10 <141> CURRENT FILING DATE: 2000-09-27
 12 <150> PRIOR APPLICATION NUMBER: DE 198 13 799.0
 13 <151> PRIOR FILING DATE: 1998-03-27
 15 <160> NUMBER OF SEQ ID NOS: 21
 17 <170> SOFTWARE: PatentIn Ver. 2.1
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Does Not Comply Corrected Diskette Needed

pp. 1, 6

ERRORED SEQUENCES

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331 Tyr Phe Cys Ser Gly Leu Leu Gln Asp Pro Ala Gln Phe Arg His Tyr
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PATENT APPLICATION: US/09/647,377   TIME: 11:37:34

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10302 gtcactttga caatgtaagc tgagtcaggg tggggtggag gtggagtgag tacctgggct 10020
10303 tggaaccgtg atagagacag gatgagtggg gttgccaaga tagggcagtg ggatggaaaa 10080
10304 acatgaggcc gggtgcagtg ggtcacacct gtaatcccag tactttggga ggccgaggcg 10140
10305 agtggatcac ctgaggtcag gagtttgaga ccagcctggc caacatggca aaaccctatc 10200
10306 tttaccaaaa ataccaaaaa taccaaaaat tagctgggtg tggtggcggg cacctgtatt 10260
10307 cccagctact caggaggctg aggcaggaga attgcttgaa cctgggaggc ggaggttgca 10320
10308 gtgagccaag ccaagatcgc accactgcac tctggcctgg gtgaaagagt gagacgtgag 10380
10309 actccgtctc aaaaaaaaaa aaaggaaag aaagaaagaa aaaggaacag gggcaggggg 10440
10310 ggcacctcag ggccaggggg ccatggaatt agccaccagt tgggacccgg acataggtaa 10500
10311 gaagggcccc aggaaatgga gacatgggcc tgctggaagc ccaaggatga gaacaggacc 10560
10312 cagggaagac ctggtgccgc cgctggttat cccacacctg cctcccaccc tcagggaat 10620
10313 gaggagtggt tcctggtggg ccgagtgctg gaccgcgtct gcttcctggc catgctctcg 10680
10314 ctcttcatct gtggcacagc tggcatcttc ctcatggccc actacaaccg ggtgccggcc 10740
10315 ctgccattcc ctggagatcc acgcccctac ctgccctcac cagactgagc caaccaacca 10800
10316 ctgtggggca tgtgggagtc acacacgtgg gtcacactga gtcttatcag ccacgttctc 10860
10317 ctactgaggt cctaagtgtg ctctttggga agtgcccttc aggactgtgt gagccaaaca 10920
10318 gccctgagaa aagctgggga aacagtctga gctggagtcc gagagtggtt ggggtgggc 10980
10319 cgtggctagt gtcctgctgc agtcagcaca cacgtgggat tggctagctc atcctggcac 11040
10320 cagccacccc tccactcagt gcactcccct cacttaggca aagcattatt cattcccatc 11100
10321 agtctgaagc ccgaaggact gttttgtata ataccttcgg acttgggact ggctcccctt 11160
```

RAW SEQUENCE LISTING   DATE: 04/04/2001
PATENT APPLICATION: US/09/647,377   TIME: 11:37:34

Input Set : N:\paola\PTO.txt
Output Set: N:\CRF3\04042001\I647377.raw

```
10322 ttacaagttc tccctgaaag agggcagtca caagaggtgt gaagagtagc agccgatgct 11220
10323 ctctccaaag cagggcagca gcccatacca gctggcatct cccccccgtg ccttctgggt 11280
10324 acaataagca cccaattttc aacagcccca gtggcctttc cattcatgtg catttttctg 11340
10325 ccactgacca caagacgatt tcctgagttt tgtaatcctc tttttttttt tttttttttt 11400
10326 agtttttgat gtgttgttgt tgttttgttt agtttgaga tagagcctca ctcttgtcat 11460
10327 gcaagttgga gtggagtggc atgatcatgg ctcactgcag cctcaacctc cagggctcaa 11520
10328 gcaatgctcc tgcctcagcc tcccaagtag ctggcaccac aggcatgcac cactacaccc 11580
10329 agctactttt aaattttag tagagatgag gtttgctat gttgcctagg ttggtcttga 11640
10330 actcctgagc tcaagtgatc ctcccacttg agtcttggga ttacaggcat aagccactgt 11700
10331 acctggcctc ctttttaatt aagagctcct cacagcagta tggataagca agagtcatta 11760
10332 ttccccatgt tatataggca aattgagcct agagtaagcg ggactccaca caacagtggt 11820
10333 ggttaaacaa ggtttgaagt ccagaattc                                 11849
```

E--> 10336 1
E--> 10338 2

Delete extraneous numerals at the end of the file. They are causing an invalid base count error for seg. #21.

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/647,377**

DATE: 04/04/2001
TIME: 11:37:35

Input Set : **N:\paola\PTO.txt**
Output Set: **N:\CRF3\04042001\I647377.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:371 M:252 E: No. of Seq. differs, <211>LENGTH:Input:260 Found:0 SEQ:4
L:10336 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:11849 SEQ:21
M:254 Repeated in SeqNo=21